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Claims:

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1. A spherical reflective screen for displaying an image, comprising:
a spherical surface with a radius of curvature of a circle drawn centering around a point,
and including a frictional surface and diffusing lines formed on one side of an aluminum foil by
rubbing the double-layered aluminum foils,
wherein a projector is located at a focal point of the spherical surface so that the screen
displays an image with a high luminance and an improved resolution at an improved viewing
angle.
2. The spherical reflective screen for displaying an image as set forth in claim 1,
wherein the spherical surface of the screen further includes a protective surface made of
a Teflon-made thin sheet attached to the surface of the aluminum foil.
3. A method for manufacturing the spherical reflective screen for displaying an image as
set forth in claim 1,
wherein the frictional surface and the diffusing lines are formed on the aluminum foil by
rubbing the double-layered aluminum foils together in a longitudinal or lateral direction, and the
aluminum foil provided with the frictional surface and the diffusing lines is bent so that the
aluminum foil provided with the frictional surface and the diffusing lines has a designated radius
of curvature and serves as the spherical surface of the screen.
4. The method for manufacturing the spherical reflective screen for displaying an image
as set forth in claim 3,
wherein a supporting plate made of plastic is attached to the other surface of the

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aluminum foil provided with the frictional surface and the diffusing lines after the aluminum foil is bent by pressing the aluminum foil onto a spherical frame so that the aluminum foil has the designated radius of curvature.

5. The spherical reflective screen for displaying an image as set forth in claim 1, wherein the spherical surface of the screen has a reflectivity of 10 to 45%.